

LADDER PLAY WILL START FOR TENNIS CANDIDATES TODAY

Freshmen Spoken to by Manager
Wight and Capt. Cleary
at M. S. Drills

CAPT. CLEARY STARTS PLAY

Ladder play in the tennis tournament will start this afternoon when Capt. Cleary and Tom Wigglesworth meet in the first match for the Varsity. The freshman play will also start, the men playing being Semple and Bender. The tournament will continue throughout the next few weeks with at least two challenges a week being played.

The tournament is conducted on the challenge plan. The man whose name appears below on the list challenges the man above him to a match. The match is played and the contestants change places according to the outcome of the match. The top man retains his place at the top if he wins. Otherwise he changes places with the man under him that he has played.

Freshmen Urged To Compete

Last Friday afternoon, at the end of the drill period, Capt. Cleary and Manager Wight explained the system of the tournament to the freshmen. Not all of the men were spoken to due to the talk being unannounced. The rest of the freshmen will be spoken to today at the end of the Military Science lectures. More freshmen are urged to come out as it is to the benefit of future Varsity teams if the men get started during their first year in college. It also gives the men an opportunity to win their class numerals.

All matches for the freshmen are to be away this year and only one of the Varsity matches is to be on a home court. The Varsity match to be played at home is with Bowdoin on May 10th and will be held at the Oakley Country Club. If it has not already been done, all men who expect to enter the tournament should enter their names at the Tennis desk in the M.I.T.A.A. office. The names may be written on a piece of paper and placed on the desk if no one is in attendance.

SCABBARD AND BLADE ELECTS NEW MEMBERS

Ten Men Initiated Into National
Fraternity of R.O.T.C.

At a dinner held in the Hotel Kenmore last Saturday, ten men were initiated into Scabbard and Blade, the National Military fraternity which chooses its members from students in advanced R.O.T.C. courses. The new members are Francis S. Walker '30, James G. Muir '30, Joseph G. Heuer '30, Charles R. Prichard, Jr. '30, Morell Marean '30, Frederick W. Holt, Jr. '30, Edward S. Greene '30, Harold R. Spaans '30, Arnold S. Ackiss '30, and Charles E. Hughes '30.

After the initiation, a regular meeting was held at which the newly elected officers presided. The officials for the coming year are Joseph Harrington, Jr. '30, Captain; George T. Brady '30, 1st Lieutenant; John B. Newsom '30, 2nd Lieutenant; and Raymond G. Rolin '30, 1st Sergeant. The next meeting, which will be held the first Wednesday in May, will be a dinner-theater meeting.

MUSICAL CLUBS GIVE CONCERT AT MILTON

Interspersing their program with numerous impromptu numbers, the Combined Musical Clubs presented a concert before the Milton Club at that town last Friday evening. Although severely handicapped by the small attendance of members, the Clubs were enthusiastically received by the large audience, which was very generous with its applause.

The two feature acts of the evening were a Specialty Act by the Banjo Quartette and a group of three xylophone solos by Gardner Harvey '32. A flute solo and a banjo duet, which were not originally a part of the program, were presented as additional features. Contrary to the usual custom, there was no dancing after the concert.

Signup Campaign for Techniques Extended

Since three hundred Technique signups have not as yet been redeemed, the management of the yearbook has decided to extend the time for redemptions as follows: desk in the Main Lobby from nine to three o'clock on Monday and Wednesday, and Tuesday at Rogers Building. During these periods the signups may be redeemed for three dollars, but after that it will be four dollars. Those who wish to have their names printed in gold on the book should make arrangements for this at once as the list will close at the beginning of the week.

Plane Forced Down On Memorial Drive

Harvard Students Make Unusual
Landing as Motor Fails
Over Bridge

Much excitement was caused last Saturday afternoon when a small airplane made a forced landing on the grass strip in the middle of Memorial Drive directly in front of the Technology dormitories. The machine, a Travel-Air land biplane with Curtis OXX-6 motor owned by the Harvard Flying Club, was occupied by two Harvard students, Erhart Muller and Harold Moon, the latter being the pilot at the time of the mishap.

According to the story told by the aviators, they were on their way to New York, and when over Harvard Bridge the motor suddenly went dead. Looking about for a place to land, Moon selected the long stretch of green turf as offering the best chance for a safe landing. The machine glided down and stopped after a short run, in the center of the grass plot.

Word of the plight of the two men was sent to the East Boston Airport, and a pilot and mechanic were sent immediately. The machine was temporarily repaired, and was then flown off again in the direction of the Airport, piloted by Crocker Snow, well-known flyer connected with the field.

COMBINED SOCIETIES MEET ON WEDNESDAY

Talk on Transportation Will
Feature Dinner Meeting

Technology's Combined Professional Societies will hold a "Transportation Night" on Wednesday evening, according to the notices recently sent to all members of the society and to freshmen who are signed up for the various engineering courses. A supper will be served in North Hall, Walker Memorial, at six o'clock, admission to which will be by card obtained before April 9 in Room 1-163.

Mr. George Hannauer, President of the Boston and Maine Railroad, is the main speaker of the evening, his subject being the opportunities for technically trained men in the field of transportation. Mr. Hannauer will be accompanied by Mr. Lawrence Richardson, Chief Mechanical Officer, and William J. Backes, Chief Engineer, who will discuss the work of the different departments of a railroad. The purpose of the meeting is to give the students of the Institute, particularly the freshmen, a first hand picture of the details of modern railway operation.

TIGE JEWETT PLAYS AT MILITARY DANCE

Tige Jewett's orchestra furnished the music for the annual military ball that was held last Friday in the Exhibition Hall of Rogers. Approximately 200 couples were present at the affair which was arranged by a committee consisting of Jesse W. Billings '30, Lowell M. Moses '30, and Myron W. Ryder '29. Members of the Military Science department served as chaperones.

Special Course Of Lectures In German Begins

Dr. J. A. Serralach in Charge of
Course for Instructors
and Graduates

Beginning today, a new course in scientific German will be instituted at Technology. Lectures will be given three times a week from five o'clock until six o'clock by Dr. J. A. Serralach, a chemist and former lecturer at the University of Frankfurt-Main. Students interested in the course should apply to Professor Frank Vogel in Room 2-161.

This course is being arranged to meet the needs of professors, instructors, and graduate students who wish to refresh their knowledge of scientific German and broaden it so as to enable them not only to translate German articles, but to read them, thinking in the original language. As this can only be attained with a small class, in which the students receive individual attention, the size of the class will be limited.

Course Covers Scientific Subjects

As the attendants to that course will have their time well occupied in other duties, the method of teaching will be outlined in such a way as to require little home work. The work will cover the basic terms and phrases of the following fields: inorganic and organic chemistry, physics, physical chemistry, chemical engineering, and biology. Besides this, the fundamentals of grammar will be included.

Short abstracts will be prepared by the instructor either from current periodicals or known German textbooks on subjects that will be of interest to all those taking the course. They will be read, translated, and discussed briefly from a grammatical point of view. Demonstrations will be given as far as possible. Following this, slow and easy talks in German will be held about the matter. The idea of the course is to convey German feeling into the minds of the students by conducting it in such a way as to be of practical and descriptive nature and so that after a short while they will be able to read scientific German without too much effort or wasted time.

Waste Paper Is Expensive Item

Baling Costs Institute More
Than Price Obtained
When Sold

With the vast quantities of waste paper here at the Institute, it is natural to suppose that some revenue is derived from it. This is not the case, however. Every year the costs of getting rid of the paper exceeds by far the price that it gets on the market. There is a very good reason for this. Often the janitors are seen wheeling small trucks around the basements. These trucks carry large bales of waste paper, and they are all stored away prior to their sale. The baling is made necessary on account of the dangerous fire hazard that loose paper constitutes. Any public building has to be safeguarded against fire, and the Institute buildings even more so because of the great value of the extensive equipment.

Confronted with the problem of waste paper disposal, Major Smith decided that baling machines were necessary, and consequently several were installed in the various buildings. The janitors have only to carry the paper to the basement and place it in the baler, where a pressure of 125 pounds is applied, and it is securely wrapped with wire. This is as resistant to fire as a book or magazine, whereas a large bag of loose paper would fall victim to the first cigarette butt.

The next procedure is to call up several dealers and ask for bids, and the paper goes to the highest bidder. The cost of the baling is usually equal to or greater than the price that the paper brings.

Not all of the paper goes into the balers, however. A special incinerator is used to destroy all the checks from the office of Uncle Horace, so as to prevent any fraudulency.

Harvard Aviator Wears Technology Frosh Tie

A Cardinal and Gray four-in-hand tie was worn by one of the Harvard aviators who sought terra firma in front of the dormitories on Saturday when their motor went dead over Technology. At first many thought the wearer of the freshman tie to be from M.I.T., but he disclaimed the fact and protested that he did not buy the tie at the Coop. The label showed that the frosh tie was purchased in Philadelphia, and many wondered how the famous neck-piece design had erred to such remote places. The aviator, due to the trouble he was having with the machine, was allowed to keep the tie, but warned to discard it or sell it to the Coop.

T. E. N. Presents Petroleum Number

Many Articles on Technical and
General Subjects Will
Feature Issue

"Petroleum" is the general subject of the April issue of the Tech Engineering News, which will be on sale Wednesday and Thursday of this week. Three articles on this subject are "The American Petroleum Institute", "Oil Geology and Production", and "Oil and Gas Well Fires". The titles are self-explanatory, and the authors are all men of wide experience in their field.

Among the articles of general interest is one on "Traffic Engineering" by the Traffic Engineer of the Commonwealth of Massachusetts. The subject is the activities of the state and city of Boston in regard to traffic problems.

"Engineering and M.I.T.", an article by President Samuel W. Stratton, is a discussion of the engineering professions and their presentation at Technology. "Beyond the Classroom" is a non-technical article written by Laurence C. Hamlin '29 giving a glimpse of the social side of life at Technology, with special references to the various activities.

In addition to these articles, there are several more on both technical and general subjects, and the usual editorials, departmental notes, and book reviews.

RESIDENTS OF DORMS HOLD FORMAL DANCE

Four Colored Spotlights Produce
Novel Lighting Effect

For the fourth time this year residents of the dormitories made merry at a formal dance held in the North Hall of Walker Memorial last Friday evening. About fifty couples attended, a number smaller than usual, due to the large number of social events held on the same evening. The Collegian Ramblers, who have proved so popular at the previous affairs, furnished the music for the event.

Dancing was held from 9:30 until 2 o'clock, refreshments being served as usual at midnight. The committee in charge, headed by Juel H. Lensch '30, had contributed several new ideas to the usual arrangements, chiefly an innovation in the lighting, which consisted entirely of four large colored spotlights. Matrons for the affair were Mrs. Robert P. Bigelow and Mrs. Charles R. Gow.

BEAVER CLUB ELECTS ELEVEN NEW MEMBERS

Eleven Sophomores were elected to the Beaver Club, honorary Junior society, at a meeting held Friday night at the Phi Kappa Sigma fraternity house. The following men were chosen: Joseph B. Birdsell, Ralph Davis, Robert T. Leadbetter, Edward H. Mackay, Jr., Frank L. McKnight, Louis S. Morse, Tinsley W. Rucker, III, Edward R. Sangster, Kenneth E. Smith, Robert A. Vorce, and Robert C. Watson. At the same meeting Lieutenant Samuel G. Frierson was elected an honorary member.

HORACE S. FORD TO INAUGURATE T.C.A. OFFICERS TUESDAY

Wilmer J. Kitchener, Student
Work Leaver, Will Speak
After Dinner

HAMILTON WILL PRESIDE

Change Number of Departments
to Assure Steady Work
for Heads

Inauguration of the new officers of the T. C. A. will take place at a dinner meeting in the Faculty Dining Room tomorrow at 5:30 o'clock. The first event on the program will be the report of the heads of the different departments and divisions who will give the final report covering the activities during the entire year. The installation of the new officers will be made by Bursar Horace S. Ford in the absence of Mr. Percy R. Ziegler who is chairman of the advisory board. Following dinner a talk by Mr. Wilmer J. Kitchener, supervisory secretary for the New England Student Work, will conclude the meeting.

Hugh Hamilton, '29, the former president of the T. C. A., will preside at the meeting until Henry O. Pattison Jr. '30 is inaugurated to the office of president for the coming year. Fred N. Dickerman '30 and Reginald W. Tarr '30 will be made vice-president and secretary respectively. Both the Advisory Board and the old and new cabinets will be present.

The cabinet will include the following men in charge of their departments: Richard R. Hall '32, deputations; John B. Hutchins '31, meetings; and John Lawrence '32, church relations. In the division of social service there will be: Alfred Cavileer Jr. '32, jail work; John K. Minami, foreign students; and Willis S. Hutchinson '32, boys' work. For the student service Robert R. Henderson '32, room registry and information; Charles V. (Continued on Page 4)

FRESHMAN FUNCTION PROVES SUCCESSFUL

Star of "Luckee Girl" Presented
as Guest of Honor

With six pieces from Leo Riesman's orchestra furnishing the music the freshman dance at the hotel Somerset last Friday night was acclaimed by many to be one of the best social events of the season. Miss Doris Vinton's entrance at twelve o'clock was the high light of the night, when she was introduced to the dancers by Joseph B. Paul, President of the freshman class.

The dance started at nine thirty o'clock and lasted till two o'clock with a half hour intermission at half past twelve. This first entrance of the freshmen into social activities was attended by about two hundred couples, including a number of upper-classmen.

At twelve o'clock Miss Doris Vinton, the star of "Luckee Girl" made her appearance escorted by Paul who introduced her as the guest of honor of the evening. About six chorus girls from the east also appeared during the evening accompanied by various members of the freshman class. Due to several unforeseen circumstances Miss Vinton was unable to present her specialty act.

CORPORATION XV TO VISIT EDISON PLANT

Corporation XV has completed plans for a trip of inspection to the plant of the Edison Electric Company at Weymouth next Friday afternoon. The officers of the society urge that all members avail themselves of this opportunity to inspect this new high pressure generating station.

The best means of transportation for those who do not have cars is to take the 2:35 or the 3:55 train to Quincy, leaving South Station. At Quincy, trolley cars may be taken direct to the plant. The number taking the trip will be limited to 35, so it is necessary for all who wish to go to sign up as soon as possible in Room 1-180.

A Record of
Continuous
News Service
for 48 years.



Official News
Organ of the
Undergraduates
of M. I. T.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

MANAGING BOARD
D. T. Houston '30....General Manager
W. F. Howard '30.....Editor
C. Connable '30.....Managing Editor
G. Smith '30.....Business Manager

ASSOCIATE BOARD
R. Davis '31.....News Editor
W. N. Currier '31.....Sports Editor
E. B. Hubbard '31.....Features Editor
E. S. Worden '31 Asst. Managing Editor
G. M. Roddy '31.....Advertising Manager
H. J. Truax '31.....Treasurer
J. K. Minami '31.....Circulation Manager

EDITORIAL DEPARTMENT
Editorial Board
L. Verveer, Jr. '30 W. B. Schneider '31

NEWS AND SPORTS DEPARTMENTS
Night Editors
J. W. Bahr '31 M. F. Burr '31
J. R. Swanton '31 S. C. Westerfeld '31
F. C. Fahnestock '30 E. W. Harmon '30

News Writers
A. H. Feibel '32 S. R. Fleming '32
M. S. Hathaway '32 E. P. Newman '32
O. W. Burtner '31 E. F. McLaughlin '32

Photographic Staff
P. H. Bonnet '31 J. P. Elting '31

Sports Writers
P. A. Robert '32

Reporters
H. Kamy '31 S. G. Nordlinger '32
R. McKenzie '32 R. Thomas '32
O. C. Chapman '31 E. W. Schafer '32
E. L. Clark '32 M. E. McConnell '32
J. B. Smith '32 R. A. Fuller '32

OFFICES OF THE TECH
Walker Memorial, Cambridge, Mass.
News and Editorial—Room 3, Walker,
Telephone Univ. 7029
Business—Room 302, Walker,
Telephone Univ. 7415

Printer's Telephone—Hancock 5060-1-2
SUBSCRIPTION PRICE, \$2.50 PER YR.
Published every Monday, Wednesday
and Friday during the College year
except during college vacations
Entered as Second Class Matter at the
Boston Post Office
Member Eastern Intercollegiate
Newspaper Association

BUSINESS DEPARTMENT
Treasury Department
Assistant Treasurers
E. L. Krall '30 D. M. Goodman '31
J. B. Tucker '31

Circulation Department Staff
L. Cianciolo '32 J. J. Winkler '32
L. C. Littlefield '32 E. D. McLeod '32
W. M. Moore '32 W. B. Pierce '32

Advertising Department
Assistant Advertising Managers
R. H. Haberstroh '31

Staff
G. E. Nealand '32 T. E. Sears, Jr. '32
L. C. Bond '32 W. H. Barker '32
C. E. McCormack '32 A. Jewell '32
W. B. Simonds '32 E. F. Moran '32
M. D. Triouleyre '32 A. S. Ellis '32
L. Fox, G.

In charge of this issue:

J. W. Bahr '31

OPEN HOUSE—OUR DAY

IT is the general opinion among Technology undergraduates that the coming Open House Day is a faculty effort to sell their wares. Everyone has enjoyed these events in the past, but there has been far too little interest on the part of the students in giving ideas for the displays and in developing these ideas into finished products.

All of us have experienced the difficulty in producing ideas. Work we may when some one tells us what to do, but to everyone there is a remarkable dearth of "brain flashes". You who are expecting an interesting day at Open House—what are you doing to help things along? It is a big task that the committee has undertaken, and they require ideas as well as any other humans.

If you are particularly interested in some phase of your work at the Institute, why not get in touch with some one of the Open House committee and demonstrate your accomplishments for the enlightenment of our guests? If you are doing something which all would profit by knowing, why be secretive about it—it is just such things which go to make this day valuable.

This day is Our Day. It is for us, and should be by us. Too content have we always been to sit back and let the faculty do the work. In so doing, we have denied the guests great opportunities. In our lack of interest, we have lost the spirit of the day—Open House Day is to increase public interest in the important things We Students are doing at Technology. The committee has had to limit its work to showing points of interest with which they were familiar, thereby missing matters which the individual student might easily have shown them.

We have always brought our families and friends to Open House Day. We will continue to do it this year. But how much greater will be our personal interest in the "show" if each of us makes certain that nothing which he is doing or has knowledge of is left out of the display.

REAL INTELLECTUAL AID

TO most students, there is a particular phase of the work of the English Department which is little known. At least, many of us may learn a good deal from a communication to the Open Forum Editor, which letter, regrettably, was not signed and therefore can not be published.

In spite of all the adverse comment on the specialization so common in most courses, the English Department seems to have the right idea. At the beginning of each term there are conducted tours of instruction in the Boston Public Library in Copley Square. From the information we have had regarding them, these tours are of anything but a nature so musty and dry as to cause students' shying away from them.

The communicant, who is himself one of the fortunate initiates into the mysteries of the Library, writes that a friend of his, on returning, was enthusiastic in his approval. "From now on I'm going to take a different tack. Simply got to. Can't get by with a lot of whoopee in my reports now. I saw wagon loads of all kinds of first aid to the ignorant. Why, from the time Mr. Jamison showed us by humorous remarks about the Statue of Science and French's bronze doors that Tech students should feel at home in their Boston Club, I was at the mercy of and stepping along with the right guide. And we all kept 'close up'."

It is Mr. W. W. Jamison who is this "right guide." For several years now he has been taking a lucky few far from the realms of integrals and formulas into a new world. From the experienced member, we have the following: "Yes, the right guide introduced his sophs to the art of the library which everybody knows—everybody but a Tech factory man and robot. The lecture on Socrates and Idealism meant something more after we gazed on the painting by Chevannes. Incidentally Jamison insists there is no course finer for a Tech man than E22 regular and he proves it. I'm afraid I did not realize how fine a job 'Tubby' Rogers does every Saturday morning. I liked to sleep after the Friday dances. But I am humbler and wiser now. The course helps a man to build a philosophy of life for himself."

For those of us who are prone to malign Institute methods for their lack of real intellectual training, the efforts of the English department in this line is decidedly gratifying. To quote again our informant, "The embryonic grad realizes now that there are instructors at Tech who are interested in helping us to help ourselves so that when we graduate we won't be file closers bringing up the rear ranks."

As We See the Movies

METROPOLITAN

Combining the world renowned love of Lord Nelson for Lady Hamilton, the French Revolution, the Battle of Trafalgar and other contemporary events in one picture, "The Divine Lady," a First National release, is something different from the usual run of movies. In the dramatization of E. Barrington's historical novel, Frank Lloyd has done a creditable piece of work.

Corrine Griffith stars as the "Divine Lady" herself. From cook's helper to English Ambassador at the Court of Naples is her achievement, and later, as the lover of the famous Lord Nelson, it is she who is responsible for the success of the English over the French. Even movie make-up could not hide her age in the role of a care-free girl, but as the diplomat's wife, she is very good.

The part of the heroic Lord Nelson, played by a comparative newcomer to films, Victor Varconi, is a heavy role, carried well to a dramatic climax. As Lord Hamilton, H. B. Warner performs as well as he did in "The King of Kings."

Used as movie-goers are to light love stories or underworld tragedies, the current Metropolitan offering is hard to watch. It is a stupendous production, with an immense cast, but contains such a conglomeration of historical facts, presented without much sense of chronological sequence, that it requires concentration foreign to most amusement seekers. There is plenty of action however in the sea scenes, for the battles of the navies are vividly portrayed.

Vaudeville-show producers would do well to stick to their calling. Pseudo-opera is not what movie audiences come to see. The settings are without a doubt extravagant and beautiful, but "Pearls of Bagdad" does not as a whole come up to the colorful background. Walzer and Dyer, comedians, bring a welcome note of humor and clever acting to an otherwise heavy production.

Away from the Grind

The customary patrons of fraternity affairs might have been dissatisfied with the outcome of last week's social endeavors. Not through lack of quality but lack of quantity. In fact the regular recipients of bids were left out in the cold. Aside from the freshman dance, outstanding among the undergraduate social activities included were one tea-dance and three formal dinners. However all four were by good authority each very successful in its own way.

PHI SIGMA KAPPA

Learoyd's orchestra furnished the music at a delightful tea dance at the Phi Sigma Kappa house on Saturday afternoon. At the affair which progressed successfully from 4 o'clock to seven-thirty, there were present about thirty couples including the members. Tea was served at six and the remainder of the time was devoted to dancing.

DELTA PSI

Sixty-five were present at a reunion of the present members and alumni of Delta Psi on Saturday night. Dinner was served at seven o'clock and during its course the participants enjoyed several interesting speeches. The banquet and what ensued lasted till one o'clock at which time it was officially over.

SIGMA CHI

At a formal dinner in the Sigma Chi house on Friday night thirty-two were present. The affair was honored by the company of Mr. and Mrs. J. B. McPherson and Mr. and Mrs. Howard Pankratz. After the dinner a good number of couples went to swell the ranks of the Freshman dance and the remainder who, it is said had a sense of pride, moved in a stately manner towards the Copley.

ALPHA TAU OMEGA

On Saturday evening at eight o'clock the annual A. T. O. alumni reunion was held in conjunction with the initiation banquet. Two national officers were among the fifty alumni and active members to take part in the banquet. After an enjoyable dinner at the Myles Standish Hotel speeches were the order of the evening until the meeting broke up around twelve o'clock.

Nature Sends Out Color Messages Possible of Scientific Analysis

Investigations by Dr. J. S. Foster Yield Startling Results in Light Research

According to Dr. J. S. Foster, world known physicist and noted authority on light, nature is sending out light messages constantly. These elusive phenomena, no more explicable than is the Aurora Borealis, have been the object of active research recently.

The "Starke Effect" as this peculiar natural function is called, has been investigated exhaustively by Dr. Foster. In January, three of his papers were accepted by the Royal Society of London, and a public demonstration of the "Starke Effect" was recently given at McGill University.

Simpler Phenomena Studied First
In the science of spectroscopy an attempt is made to analyze these messages and find in them as much meaning as possible. Since these messages are often complex, as in the Northern Lights, it becomes necessary to first devise and study artificial light sources of a more simple character. By this means a fund of information is accumulated which makes it possible to better understand the great natural sources of light.

Light is produced by atoms, the lecturer pointed out, and is in any case characteristic of the particular atom under consideration, provided there is sufficient separation to allow each to act as an individual. This is realized in flames, in electric discharges, through gases, and in arc lights.

Color Analyses Are Demonstrated

The manner in which color analyses are carried out was next demonstrated with the use of large prisms and a grating spectograph. The spectograph had six large prisms and gave a very bright and extended spectrum of the iron arc. This instrument was designed and built in the MacDonald Physics Laboratory for use in research on the Starke Effect. The large grating spectograph gave four spectra of the carbon arc.

Any attempt to examine the color of a gold atom by reflected light would lead to a different color in each experiment. "We must realize that we are in an entirely new field when we reach atomic dimensions," declared the speaker.

Dr. Foster described the interpretation of a spectrum of the hydrogen atom which was first given by Bohr. The atom was compared to a clock which is wound by raising a weight. The higher the weight is raised the longer the clock will run, that is, the higher the energy level of the weight at the start. So Bohr pictured definite energy levels in the atom. The higher energy levels are produced by bombarding electrons which knock from the nucleus. When the atomic electron returns, light is emitted according to Bohr's law which states that

WITH THE AMERICAN COLLEGE EDITORS

SOCIAL INSTITUTIONS

There should be established at all large universities a College of Bologna. There is a greater need for the establishment of this sort of a college than for the maintenance of many now in existence. There is no doubt, in the minds of many, that fifty per cent of the freshmen attending the University of Minnesota, for instance, are doing so for the specific purpose of either finding a husband or a wife, or inhaling a bit of collegiate culture.

There are boys and girls who lament over coming examinations. They shudder over the marks they expect. The fear does not come from any desire to remain in a university, but

(Continued on Page 4)

**ANCHOR
LINO TYPE
PRINTING
COMPANY**

We Print
THE TECH

**144 High St.
BOSTON
Tel. HANcock 5060**

**Equipped to
do YOUR
PRINTING**

COURTENAY GUILD
President
GEORGE W. McCoy
Manager

the frequency of the vibrations in the light will be proportional to the energy change.

Like Little Magnets

When an electron revolves in an orbit it forms a little magnet and this is true whether the electron is moving in a small or large orbit. This small magnet will be affected by an external magnetic force applied to the atom as in the Zeeman effect. So it is that in all spectra the Zeeman effect is always found with lines displaced or split to about the same extent in all cases.

When electric forces are applied to an atom the positive and negative portion of the atom are separated a little and this will be greater in the case of a large orbit, since the electrical forces inside the atom are weaker. Electron jumps from large orbits lead to violet lines in the spectrum, hence such lines are most displaced or split by these external forces in the Starke effect. Sometimes, however, the orbit revolves so rapidly that no measurable effects are found. The larger effects are enormous, compared with the Zeeman effect.

Play Directory

Tickets for all theatres may be bought at Box-Office Prices from the T.C.A., Walker Memorial.

Stage

COLONIAL: "Billie".
Last week to see the Cohan masterpiece, Polly Walker, in a pleasing musical story of New York and New England.

COPELEY: "The Ring".
Edgar Wallace is said to write a play a week. If he did this one in a week he's a wonder.

APOLLO: "Luckee Girl".
Second week, with the honor-guest of the freshman prom taking the lead. Good comedy furnished by Billy House and Harry Puck.

HOLLIS: "All the King's Men".
Adequate piece of comedy, changing occasionally into farce and drama. Concerning the marital troubles of a writer of advertisements.

MAJESTIC: "The Skull".
Thrilling but unconvincing mystery in an abandoned church, with skeletons, skulls, stolen jewels, and apparitions making regular appearances.

PLYMOUTH: "Young Love".
Dorothy Gish of movie fame appears in a very amusing piece of young infidelities before and after marriage.

SHUBERT: "Lovely Lady".
Mitzi as a harum-scarum heiress who refuses to be forced into marriage. The Albertina Rasch ballet does its bit as supporting entertainment.

ST. JAMES: "The Champion".
Imagine our hero's embarrassment when they think he's a prize-fighter!

TREMONT: "The Silver Swan".
Beautiful Viennese operetta with pretentious settings and pleasing music.

WILBUR: "The Trial of Mary Dugan".
If you haven't seen it yet, for Pete's sake do. The final week.

COMING NEXT WEEK: "Three Cheers" and "Good Boy".

Screen

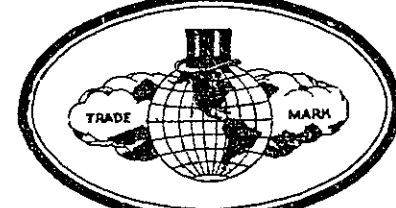
LOEW'S STATE: "Broadway Melody".
Excellent story of the troubles of a sister act, with a wov of a musical show to boot.

METROPOLITAN: "The Divine Lady".
Reviewed in this issue.

OLYMPIA AND FENWAY: "Close Harmony".
Nancy Carroll and Buddy Rogers in a very entertaining story of backstage life.

MODERN and BEACON: "The Queen of the Night Clubs".
The one and only Texas Guinan in her familiar role as "hostess."

KEITH MEMORIAL: "The Leatherneck".
William Boyd appearing again as a likeable tough.



Young Men's Hats

Distinctive and Exclusive styles of Foreign and Domestic Manufacture

Coats

Agents for Burberry English Cloth Coats

Suits

for Dress and Sports wear

Caps Gloves Neckties

Collins & Fairbanks Co.
363 WASHINGTON ST.
BOSTON

CREW CHOSEN FOR NAVY RACE

DERMARDEROSIAN WINS AMATEUR CHAMPIONSHIP

Popularity of Lacrosse Grows After 100 Years In Colleges of America

GAME ORIGINATED BY INDIANS WINS FAVOR IN SCHOOL

Pennsylvania Coach Tells Story of Game and Facts of Early History

CANADIANS LIKE SPORT

"Lacrosse is the oldest known athletic contest played on the American continent and one of the oldest organized games in the world. When the first settlers arrived in this country, they were impressed by the warlike Indian game which they often witnessed. That the game was not a new one soon became apparent to them, for the well organized and executed play, the fervor and excitement of the occasion and the dignity as well as leadership of the chiefs indicated tradition for which scientific men are now finding full evidence. Excavations disclosed that not only were the bow and arrow buried with the dead in order that the departed could enjoy the hunt, but that the stick and ball, also, were interred in order that the preeminent game of the Indian might be made possible in the life beyond.

War Game of Indians
"The game as played by the Indians was a form of war maneuver, in which hundreds were on a team. The goal posts consisted of two trees usually several miles apart and any part of the intervening landscape was playing ground. The stick used by the redskin was very crude and decidedly different from that used by the player of today. A small, naturally curved oak or hickory tree was cut down, thoroughly seasoned and shaped somewhat in the fashion of a golf stick, with the curve so designed as to hold the ball when properly balanced. The aborigine had to catch and throw the ball, which was about the same size and weight as the ball now used, with this stick, never being allowed to touch it with

Pipe Smoker Has a "Kick" All His Own

St. Paul, Minn.
June 1, 1927
Larus & Bro. Co.
Richmond, Va.

Gentlemen:
About five years ago, after trying out many different styles of pipes from the Missouri meerschaum to the genuine meerschaum, including the upside-down style made popular by Vice-President Dawes, and experimenting with just about all the tobaccos then on the market except Edgeworth, I finally decided that pipe-smoking was not for me.

For the last year or so I noticed the boys around the office here using Edgeworth to the exclusion of all other tobaccos and evidently getting real pleasure from their pipes.

In April of this year I was in Canada on a business trip and decided to take another whirl at pipe-smoking. So I invested a good share of my savings in a pipe and a few cents additional for a can of Edgeworth.

From then on I have been figuratively kicking myself around the block about once each day when I think of the five lean years I put in trying to get along without a pipe. However, I am trying to make up for lost time and am succeeding quite well. Why I failed to try Edgeworth long ago will have to go down in history as an unsolved question. But now that I have found it, the years ahead look rosy to me.

Very truly yours,
Ben Bayer

Edgeworth
Extra High Grade
Smoking Tobacco

his hand. One can readily understand the dexterity and polish that was required to properly catch, balance and throw, as well as run with the ball when so limited in playing devices.

National Game in Canada
"From such a beginning the game has slowly developed to its present form. In recent years the playing of lacrosse has spread by leaps and bounds in the United States, and this season twenty-five per cent more colleges and schools will be playing the game than did last year. Besides in the United States, it is played extensively in Canada, where it is considered a national game, Great Britain, Ireland, and Australia. The first intercollegiate athletic contest in America was a game of lacrosse, played more than a hundred years ago. "There is not, in my estimation, a more soul-stirring and scientific exhibition of manly grace, endurance and strength, that the modern athlete is capable of displaying than is found in this game. There is not an idle moment once the ball is put in play at mid-field, while the rules governing action are so plain and the play so easily understood at first sight, that the spectator is thoroughly in touch with the game from its start. Team play and concerted action are essential to the modern game yet there is no game in which individual polish and cleverness is shown to a better advantage.

Popularity Grows
"In Maryland over three-fourths of the schools and colleges are now actively engaged in preparing their teams for the season which is soon to begin. Unfortunately the schools in Pennsylvania have been slow in installing this game and only a small percentage of the sport-loving public has seen the game. Great interest was stirred up all over the country last year and the game was given a tremendous boost by a play-off series which was held at the close of the season for the purpose of choosing a team to represent the United States in the Olympic Games. "Lacrosse is a game that will continue to grow in number of participants and importance. And why shouldn't it? Combining, as it does, a great degree of the ruggedness of football, the quick passing of basketball, the accurate throwing and catching of baseball, the endurance of cross country, and the speed of ice hockey no activity on the college sport calendar surpasses lacrosse for the development of the body, while co-ordination of the mind and body, quick thinking, and team play are as essential as in the best of athletic endeavor. Lacrosse has rightly been termed the fastest game on two feet."—By S. R. Middleton, Head Coach of Lacrosse at U. of Pennsylvania, in the "Pennsylvanian."



The handicap meet scheduled to be held last Saturday was unable to be held due to the fact that work on the reconditioning of the track had not progressed far enough. It is hoped to hold a number of these meets throughout the Spring term and they will be started as soon as possible.

Next Saturday's Interclass meet will be a final test for this year's Junior Class. Last year, as Soph-

CROSTON & CARR CO.
Clothing, 72 Summer St.

TO RENT
New Collegiate
TUXEDOS
WITH SILK VEST
Complete Outfitters
\$1.50

M.I.T. VARSITY OUTDOOR TRACK RECORDS			
TRACK EVENTS			
EVENT	NAME	YEAR	RECORD
100 Yards	R. S. Franklin	1903	10 1-5 sec.
	C. W. Loomis	1915	
	T. W. Bossert	1918	
	W. Rollins	1919	
	T. P. Spitz	1921	
	J. S. Wiebe	1927	
220 Yards (With Turn)	C. W. Gram	1909	22 sec.
	C. W. Gram	1909	22 sec.
220 Yards (Straight)	D. P. Jeppe	1924	
440 Yards	D. P. Jeppe	1924	50 sec.
880 Yards	G. J. Leness	1925	1 min. 55 sec.
1 Mile	R. G. Brown	1915	4 min. 24 4-5 sec.
2 Miles	F. L. Cook	1915	9 min. 35 3-5 sec.
120 Yards, High Hurdles	H. G. Steinbrenner	1927	15 1-5 sec.
220 Yards, Low Hurdles	H. G. Steinbrenner	1925	24 sec.
FIELD EVENTS			
Shot Put	F. H. Leslie	1914	42' 1-4"
Hammer Throw	C. G. Dandrow	1921	158' 6"
Discus Throw	Miles Gray	1928	128' 3-10"
High Jump	C. D. Haywood	1893	6' 7-16"
Javelin	J. A. McCarthy	1927	176' 10"
Broad Jump	J. S. Wiebe	1927	22' 8 1-4"
Pole Vault	L. M. Sanford	1926	12' 9"

M. I. T. Wrestling Captain Wins New England Laurels

DerMarderosian Wins 145 Pound Bout in Amateur Meet at Cambridge Y

At a meet held on Friday evening in the Cambridge Y. M. C. A. by the New England amateur wrestling association, Nerses DerMarderosian, captain of the 1929 Varsity wrestling team, won the New England Amateur championship in the 145 pound class. This meet was an individual affair, and the contestants entered solely upon their own initiative. Though the Engineer captain did not participate in the meet under the colors of M.I.T., it is of interest to his Alma Mater to follow his progress in wrestling circles.

Has Envious Record
The winning of this new honor is but one episode in the career of the hardworking captain, after a most successful winter season. In the dual meets of the past season at the Institute he met defeat but once, in the meet which the Engineers lost to Springfield College. He lost this bout to Coe of Springfield by a time advantage after a hard match. In the New England Intercollegiate held recently at Harvard he won the championship in his class among the colleges of this section by defeating King of Tufts and Lirak of Harvard. DerMarderosian is a Senior at the Institute. He intends to follow up the victory in New England, and hopes to enter the National Intercollegiate championship meet which will be held in the near future.

Other M.I.T. Men Enter
The other wrestlers from the Varsity team who entered the matches at the Y. M. C. A. were Axford, Perkins, and Vassolotti. These men were all striving for amateur honors. Vassolotti reached the semi-finals but was defeated by the opponent of DerMarderosian.

omores, they won from the other three classes in the Spring Interclass meet by a close score. This Winter they again showed up well and took second place in the indoor interclass meet, losing to the Sophomores. If they can do as well this Spring they will have a supremacy in track that will be hard to overcome.

Work on the track is progressing well. It has been raked and leveled. Rolling is yet to be done but it is expected that it will be ready by Tuesday or Wednesday.

The first meet that the Varsity will compete in this year is the Penn Relays to be held on April 26 and 27 at Philadelphia. It was originally intended to send two teams, one to compete in the Medley relay and one to take part in the one mile class B championships. It has been decided not to send a team to run in the Medley Relay.

NOTICE
In the announcement of awards of letters by the Athletic Advisory Council the name of Robert M. Nelson '30 was omitted. Nelson was awarded the straight "T" for his excellent work on the basketball team.

Sports Desk

The changing of the date of the Interclass Meet to before vacation will no doubt have a material effect on the number of entries. Hitherto the meet has been held during the Spring Recess in conjunction with the Junior Week program.

Freshman tryouts will be held for the gym team this week in Walker. In these tryouts each man is urged to compete in as many events as he is able to as it gives them a good chance to get to be an all-round competitor.

In connection with the review of the Varsity boxing season which was recently published it is of interest to mention the freshmen, many of whom will aspire for positions on the Varsity next year. These yearling boxers had a hard schedule and, though they lost every meet, they acquitted themselves well for men of little experience.

One of the freshmen who will be heard from in the future is Daniels, who boxed in the 135 pound class during the past season. In the New Hampshire meet he won by a decision. Another promising freshman is Shultz, who won a technical knockout in the same meet, boxing in the 160 pound class. Captain McDonnell, in the 145 class will also give a favorable account of himself if he enters the Varsity ranks in the fall. Among these men there is good material upon which Coach Rawson can build in the development of future teams.

After a hot period of competition the Varsity crews are well settled and ready for intensive training for the first meet. The number of men available for the Varsity heavy boats is unusually large this year, and this sort of competition cannot fail to have a good effect on the crew that is moulded out of the melee.

GYM TEAM
The final gym team banquet will be held tomorrow night, April 9, at 6:45 o'clock at the American House.

Have you chosen your life work?
In the field of health service The Harvard University Dental School—the oldest dental school connected with any university in the United States—offers thorough well-balanced courses in all branches of dentistry. All modern equipment for practical work under supervision of men high in the profession. Write for details and admission requirements to **Lois M. S. Miner, Dean**
HARVARD UNIVERSITY DENTAL SCHOOL
Longwood Ave. Boston, Mass.

NEW VARSITY CREW DEFEATS JAY-VEES BY THREE LENGTHS

Varsity Boat Will be Directed by John F. Bennett as Acting Captain

JAY-VEE BOAT IS PICKED

Oarsmen Will Go to Annapolis Saturday for a Week of Practice There

After having practiced three days in the new order Coach Haines announced the final Varsity crew that will meet the Navy at Annapolis. The lineup of the Varsity is as follows: Stroke, Otis; number 7, McLeod; 6, Richardson; 5, R. V. Bennett; 4, Byrne; 3, Holt; 2, Evans; bow, J. Bennett; coxswain, Karas. John Bennett is acting captain of the first eight. This crew is a combination of the old Varsity and the Jay Vees, and is much faster than either of the old combinations, having beaten the present Jay Vee crew three lengths in the tryouts. The average weight of the new Varsity is 178 pounds, while the Junior Varsity now averages 168.

J. V. Lineup Announced
On the Junior Varsity this season will be, stroke, Zurwelle; 7, Landon; 6, Captain Tittman; 5, Bourne; 4, Dolben; 3, Kohler; 2, Rucker; with Wells at bow. This lineup will also row in the Navy meet against the Navy J. V.'s in two weeks.

Both crews will leave for Annapolis Saturday, and will be guests of the Middies for a week before the race. The two races will be held on the Severn River over the Henley distance of one mile and 550 yards, which is much shorter than the course now used by the Technology crews. The Varsity will use the new Davy shell in the race, while the J. V.'s will race in the old Davy shell, which was the Varsity boat last year. The party which leaves next Saturday will consist of two crews of ten men, including two spare men, Coach Haines, Pat Manning, and Manager Hawkins.

Opponents Evenly Matched
Having been on the water since February, the Middle oarsmen have had considerably more practice than the Engineers, but due to the vast amount of material for the Technology crews, this advantage has been partly alleviated. The race will be very close as the crews are evenly matched, the Navy having won by only a half-length last year.

After their Navy race, the Cardinal and Gray oarsmen will meet Princeton at home, on the new two mile course now being laid out for this year's races. On the following week, the oarsmen will race Harvard on the same two mile, which is also the Harvard race course.

ENJOY THE SPRING SOCIAL SEASON
In the Best Cars at the Lowest Rates
U-DRYVIT AUTO RENTAL
6 Belvidere Street Boston

KOH-I-NOOR
The Perfect Pencil
THE BEST IS CHEAPEST
17 degrees of Smoothness Uniformity Durability on sale at **THE COOP**

NOTICES and ANNOUNCEMENTS Of General Interest

Turbo-Generators

Mr. J. P. DenHartog

Monday, April 8, 2 P.M., Room 3-470
Tuesday, April 9, 11 A.M., Room 3-370

Mr. J. P. DenHartog of the Research Department of the Westinghouse Electric and Manufacturing Company will give two lectures on "The Mechanics of Plate Rotors for Turbo-Generators".

These lectures are primarily for seniors in the Mechanical Engineering Department, but students of the third year or students of other courses who are interested are invited.

Colloquium

Messrs. J. R. Shea and C. D. Hart

Monday, April 8 and Tuesday, April 9, 3 P.M., Room 10-275

Messrs. J. R. Shea and C. D. Hart of the Kearny Works of the Western Electric Company, will present a colloquium on "Manufacturing Problems arising in the Production of Telephone Cable."

The colloquium is open to members of the instructing staff, graduate and senior students and the junior Honors group.

Hydraulic Experimentation

Dr. Ing. Theodor Rehbock

Tuesday, April 9, 2 P.M., Room 5-330

Dr. Ing. Theodor Rehbock, Professor of Hydraulics at the Technische Hochschule of Karlsruhe, Germany, will give the last lecture in the series on "Hydraulic Experimentation". The subject of his final lecture will be "Experiments Executed in the River Hydraulic Laboratory at Karlsruhe, and their results." The lecture will be illustrated by moving and still pictures. The lecture is open to students and members of the instructing staff.

Calendar

Monday, April 8

3:00—Colloquium on "Manufacturing Problems Arising in the Production of Telephone Cable" under the auspices of Electric Engineers' Club, Room 10-275.

5:00—M. I. T. A. A. Meeting, Committee Room, Walker.

Tuesday, April 9

3:00—Continued Colloquium under Auspices of Electrical Engineers' Club, Room 10-275.

5:30—T.C.A. Installations Dinner, Faculty Dining Room, Walker.

6:00—T. E. N. Dinner, North Hall, Walker.

Wednesday, April 10

6:00—Combined Professional Societies Supper, North Hall, Walker.

Thursday, April 11

12:00—Faculty Club Luncheon, Faculty Dining Room, Walker.

Friday, April 12

All Technology Carnival, Armory.

4:00—Corporation XV Trip to Edison Electric Plant at Weymouth.

Saturday, April 13

3:30—Activities Tea Dance, Faculty Dining Room at North Hall, Walker. Varsity and Junior Varsity Crews vs. Navy on Severn.

Undergraduate

INSTRUMENTAL CLUB

There will be a rehearsal of the Instrumental Club in the East Lounge, Monday, April 8th at 5 o'clock.

INTERFRATERNITY

There will be a meeting of the Interfraternity Conference at the Phi Sigma Kappa House, tomorrow night at 8 o'clock.

CORPORATION XV

Members are invited to attend the trip to be made Friday afternoon to the Edison Electric Plant at Weymouth. The party will leave the In-

stitute at about 4 o'clock. Those intending to go must sign up in Room 1-180 as soon as possible.

POLO PICTURES

Those who have ordered pictures of the Varsity polo team may secure them at any time from Alexis Kononoff, Suite 3, 171 Hancock St. Cambridge St.

SENIOR ENDOWMENT

Information on the Senior Endowment plan can be secured in Room 3-213 at any time.

WITH THE AMERICAN COLLEGE EDITOR

(Continued from Page 2)

rather because of the wrath of parents. It is because of parents who insist that their children acquire at least a year's culture in college, that the College of Bologna would have a large enrollment.

The College of Bologna would be filled with students who wish to acquire a year's reputation as a student in a university without contributing any mental effort. The College of Bologna would refresh the minds of these worried students. It would permit a freer circulation of socially inclined students. But without a doubt, the prejudice of Academic minds would prohibit the establishment of any sort of an institution at Minnesota.

—Minnesota Daily.

SARTORIAL SLAVES

And now at last the collegiate Catlines have abused the sartorial patience just a little too long. Styles are destined once again to stiffen, and the comfortable loose-fitting suit to die on the altar of salesmanship and vanity. Will the conservative collegiate stick to his guns? Probably not; he may be sensible, but his fig-leaf complex is too deeply ingrained.

—Cornell Daily Sun

Nearly one-third of the fraternities at Southern Methodist University failed to compile a "c" scholastic average during the fall semester. Throughout the same period sorority records were far higher; with the lowest feminine group ranking just below the highest fraternity in academic excellence. Greek letter societies at the Dallas university which do not maintain the requisite record, are barred from either pledging or initiating new members until they are again on a par with the general all-university average.

Rogers Notes

Three years at Ecole de Beaux Arts, three years at the most famous finishing school for architects and artists in the world, three years in Gay Paree are going to the winner of the Twenty-second Paris Prize Competition. It is the height of ambition for most architectural students in the country; A Paris Prize man in this field ranks with a Rhodes Scholar.

Two Technology fifth year men have jumped off the top floor of Rogers and have almost reached that goal, for Wayne F. Koppes and Joseph D. Murphy have designed their way through the competition preliminaries until they are now in the finals. The final problem will be given out about April 2 in New York, and then the finalists will think, sketch, draw, and render for a period of ten weeks. Let us pray, brethren, that an M. I. T. man may once again walk away from New York with a T-square and triangle under one arm, and the Paris Prize under the other.

Important social functions have reached their conclusion for this year at Rogers. But, according to Miles R. Gray '29, president of the Architectural Society, the Commons Room atmosphere will soon become more foggy than usual with the fumes of one or two smokers which are being planned.

But the first year men are doing some muttering of their own since this disgrace; frequent resolutions to start rendering before the last day on the next problem are floating around the Grade I design room. The general subject for this new opportunity has been revealed and the frosh have been laboring industriously in the library this week learning about "loggias" in preparation for the preliminary sketch next Tuesday. We understand that prayer meetings will be held

Will Frosh Repeat This Scene When Freshman Rules Are Over?



Freshman Tie Burning, April 16, 1928

Pattison Is New T.C.A. President

To Vote on Incorporation of New Article in Constitution at Meeting

(Continued from Page 1)

Dolan, book exchange; Stanley S. Rudnick '32, theatre service and Theodore E. Riehl '30, freshman service.

Mr. Pennel M. Aborn will remain in charge of the Undergraduate Employment Bureau and the general manager of the Handbook will be the president, Henry O. Pattison. Louis S. Morse, Jr. '31 and G. Burton Denison Unc. will be managing editor and business manager. H. Edward Marvill will be in charge of the blotter.

Four cabinet positions are being cut out and four more are being combined to two so that the heads of the departments will have steady work during the year. The theatre service is the new department which has been successfully organized this year.

At the first cabinet meeting on April 23, two of the cabinet members will be elected to the Executive Committee. A new article in the T. C. A. constitution will be voted on. This states that "At the end of each fiscal year there shall be placed on a plaque the name of the department head who, in the opinion of the officers, has done the best work and developed most his department." This is being done so that there shall be a permanent note of the good work done by a department head.

Yesterday L. Hsun Lee '32 went on a deputation to the Young People's Society of the Reading Congregational Church. He spoke to a group on "Student life in China."

Women of the University of Oklahoma have accused the fraternity men of compelling the pledges to memorize set lines in love-making compiled by the upperclassmen. They lament this production of stereotyped lover and ask for a return to individuality in love-making.—Campus.

every Saturday evening until the end of the term by the freshman architects.

SIMPLEX WIRES AND CABLES

INSULATED WITH RUBBER

PAPER OR VARNISHED

CAMBRIC

SIMPLEX WIRE & CABLE CO.

MANUFACTURERS

201 DEVONSHIRE STREET
BOSTONCHICAGO SAN FRANCISCO
NEW YORK CLEVELAND
JACKSONVILLE

Prohibition Has Caused Increase In Registration

Dr. E. H. Cherrington Compiles
Enrollment Statistics
from Colleges

Public school and college statistics as revealed by federal government figures, show that the educational systems of the United States have been benefited by prohibition, and they show, also, that the increasing number of persons in the schools and colleges afford additional opportunities for the spread of the truth about prohibition, contends Dr. Ernest H. Cherrington, general secretary of the World League Against Alcoholism.

"School statistics show," says Dr. Cherrington's statement, "that in the college year, 1915-16, a wet year, there were enrolled in the colleges and universities of the United States 164,075 men students and 95,436 women students, a total of 259,511. In the dry college year of 1925-26 there were enrolled 509,732 men and 313,163 women, a total of 822,895, a trebling in a decade.

300 Percent Increase Shown

"A stronger showing is made by setting down the total enrollment of 1912-16, as compared with 1919-26, excluding the war period when many young men and women were abroad. In the wet period the total enrollment was 894,373. In the dry period the total enrollment was 2,173,675, or nearly three times as great, while the population of the country in the same period increased less than 25 per cent. The heavily increased enrollment brought with it a consequent increase in college officials, professors, tutors and employees.

"In the wet year of 1916, the total population of the United States between the ages of 5 and 17, from which public school enrollment is drawn, was 26,846,976. Of these children 20,351,687, or 71 per cent, were enrolled in school. Of those enrolled there was an average daily attendance of 15,358,927, or an attendance per cent of the enrollment of 75. In the dry year of 1926 the school population was 30,063,621, of whom 24,741,468, or 81 per cent, were enrolled in the schools. The average attendance of those enrolled was 19,855,881, or 83 per cent.

"In the wet year of 1916, there were employed in the public schools 622,371 teachers; in 1926, dry, the number of teachers was 814,169. In 1916 there was expended for all costs of public schools the sum of \$640,717,053. In 1926 the amount of money thus expended was \$2,016,813,685, or three times as much as in 1916.

Your \$1000 Senior Endowment Is a Step Toward FINANCIAL INDEPENDENCE

E. L. GOODRICH

ROOM 3-213

Will the Person who took the roll of Carnival tickets from Walker please return them.

Failure to do so will bring about much trouble for the offender and will make it necessary to have new tickets printed.

Signed

M. R. Boyer